Sheet 1 of 1

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50004/003003
	Serial No.	09/371,347
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant	Roy A. Gravel et al.
	Filing Date	August 10, 1999
	Group	1632
(37 CFR §1.98(b))	IDS Filed	October 3, 2000

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
DJS	WO 99/06552	11.02.99	PCT			
DJS	WO 97/25440	17.07.97	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

DJS	Wilson et al., "Molecular basis for methionine synthase reductase deficiency in patients belonging to the cblE complementation group of disorders in folate/cobalamin metabolist," Human Molecular Genetics 8(11):2009-2016, (1999)

EXAMINER David J. Steadman	DATE CONSIDERED 7-26-01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50004/003003
	Serial No.	09/371,374
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Applicant	Roy A. Gravel et al.
	Filing Date	August 10, 1999
	Group	1632
(37 CFR §1.98(b))	IDS Filed	

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

DJS	Brasch et al., "Neonatal Megaloblastic Anemia Associated with Reduced Cellular Uptake of Folate and Low Methyl-B12 Levels: A New Mutation," Aust. N. Z. J. Med. 18 Supp.434 (1988).
DJS	Frosst et al., "A Candidate genetic Risk Factor for Vascular Disease: a Common Mutation in Methylenetetrahydrofolate Reductase," Nat. Genet. 10:111-113 (1995).
DJS	Goyette et al., "Human methylenetetrahydrofolate reductase: isolation of cDNA, mapping and mutation identification" Nature Genetics 7:195-200 (1994).
DJS	Gulati et al., "Defects in Auxiliary Redox Proteins Lead to Functional Methionine Synthase Deficiency," J. Biol. Chem. 272:19171-19175 (1997).
DJS	Hudson et al., "An STS-Based Map of the Human Genome," Science 270:1945-1954 (1995).
DJS	Leclerc et al., "Molecular Cloning, Expression and Physical Mapping of the Human Methionine Synthase Reductase Gene," Gene 12140:1-14 (1999).
DJS	Leclerc et al., "Cloning and mapping of a cDNA for methionine synthase reductase, a flavoprotein defective in patients with homocystinuria" *Proc. Natl. Acad. Sci. USA* 95:3059-3064 (1998).
DJS	Rosenblatt et al., "Altered Vitamin B_{12} Metabolism in Fibroblasts from a Patient with Megaloblastic Anemia and Homocystinuria Due to a New Defect in Methionine Biosynthesis," J. Clin. Invest. 74:2149-2156 (1984).
DJS	Rosenblatt et al., "Prenatal Vitamin B_{12} Therapy of a Fetus with Methylcobalamin Deficiency (Cobalamin E Disease)," Lancet 1:1127-1129 (1985).
DJS	Rozen, "Molecular Genetic Aspects of Hyperhomocysteinemia and its Relation to Folic Acid," Clin. Invest. Med. 19;171-178 (1996).

EXAMINER	DATE CONSIDERED
David J. Steadman	02-27-01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	50004/003003
	Serial No.	09/371,374
	Applicant	Roy A. Gravel et al.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	Filing Date	August 10, 1999
	Group	1632
(37 CFR §1.98(b))	IDS Filed	

	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
DJS	Schuh et al., "Homocystinuria and Megaloblastic Anemia Responsive to Vitamin B_{12} Therapy," N. Engl. J. Med. 310:686-690 (1984).
DJS	Tauro et al., "Dihydrofolate Reductase Deficiency Causing Megaloblastic Anemia in two Families," N. Engl. J. Med., case one 294:466 (1976).
DJS	van der Put et al., "Mutated Methylenetetrahydrofolate Reductase as a Risk Factor for Spina Bifida," The Lancet 346:1070-1071 (1995).
DJS	Watkins et al., "Functional Methionine Synthase Deficiency (cblE and CblG): Clinical and Biochemical Heterogeneity," Am. J. Med. Genet. 34:427-434 (1989).
DJS	Wilson et al., "A Common Variant in Methionine Synthase Reductase Combined with Low Cobalamin (Vitamin B_{12}) Increase Risk for Spina Bifida," Molecular Genetics and Metabolism 67:317-323 (1999).

EXAMINER David J. Steadman	DATE CONSIDERED 2-27-01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.